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MAY 10 '96 09:52 FR PENNIE EDMOND

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PENNIE &amp; EDMONDS DOCKET NO. 7872-020

# SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor (if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

## METHODS AND COMPOSITIONS FOR INHIBITION OF MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV TRANSMISSION

the specification of which:

☒ was filed in the United States on June 6, 1995 as Application Serial No. 08/470,896 with amendment(s) filed on September 25, 1995

☐ was filed as PCT international application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ of application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119/172
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/073,028	June 7, 1993		X	
08/255,208	June 7, 1994		X	
08/360,107	December 20, 1994		X	

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Mirock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Benj A. Terrian (Reg. No. 20060), Gerald J. Flauto (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Pallik (Reg. No. 25510), Thomas E. Fricbel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), and Marcla H. Sundeen (Reg. No. 30893), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

MAY 10 '96 09:52 FR PENNIE EDMOND

TO 19194191816

P.04

PENNIE &amp; EDMONDS DOCKET NO. 7872-020

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711			DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS (212) 790-9090	
201	FULL NAME OF INVENTOR	LAST NAME Bolognesi	FIRST NAME Dani	MIDDLE NAME Paul
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 17 Harvey Place	CITY Durham	STATE OR COUNTRY North Carolina
202	FULL NAME OF INVENTOR	LAST NAME Mathews	FIRST NAME Thomas	MIDDLE NAME James
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 5906 Newhall Road	CITY Durham	STATE OR COUNTRY North Carolina
203	FULL NAME OF INVENTOR	LAST NAME Wid	FIRST NAME Carl	MIDDLE NAME T.
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 1702 B Vista Street	CITY Durham	STATE OR COUNTRY North Carolina
204	FULL NAME OF INVENTOR	LAST NAME Barney	FIRST NAME Shawn	MIDDLE NAME O'Lin
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 106 Branchway Road	CITY Cary	STATE OR COUNTRY North Carolina
205	FULL NAME OF INVENTOR	LAST NAME Lambert	FIRST NAME Dennis	MIDDLE NAME Michael
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 101 Centerville Court	CITY Cary	STATE OR COUNTRY North Carolina
206	FULL NAME OF INVENTOR	LAST NAME Pettaway	FIRST NAME Stephen	MIDDLE NAME Robert
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 203 Le Gault Drive	CITY Cary	STATE OR COUNTRY North Carolina
207	FULL NAME OF INVENTOR	LAST NAME Langlois	FIRST NAME Alphonse	MIDDLE NAME J.
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 1720 Vista Street	CITY Durham	STATE OR COUNTRY North Carolina

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

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SIGNATURE OF INVENTOR 201 <i>D. Bolognesi</i> Dimitri Paul Bolognesi DATE 5/10/96	SIGNATURE OF INVENTOR 202 Thomas James Matthews DATE	SIGNATURE OF INVENTOR 203 Carl T. Wild DATE
SIGNATURE OF INVENTOR 204 <i>Shawn O'Lin Barney</i> Shawn O'Lin Barney DATE 5/10/96	SIGNATURE OF INVENTOR 205 <i>Dennis Michael Lambert</i> Dennis Michael Lambert DATE 5/10/96	SIGNATURE OF INVENTOR 206 Stephen Robert Pattaway, Jr. DATE
SIGNATURE OF INVENTOR 207 Alphonse J. Langlois DATE	SIGNATURE OF INVENTOR 208 DATE	SIGNATURE OF INVENTOR 209 DATE

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PD173-00172.1

\*\* TOTAL PAGE.005 \*\*

MAY 14 '96 14:36

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PENNIE &amp; EDMONDS DOCKET NO. 7872-020

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FUSION-ASSOCIATED EVENTS, INCLUDING HIV TRANSMISSION

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☒ was filed in the United States on June 6, 1995 as Application Serial No. 08/470,896  
with amendment(s) filed on September 26, 1995☐ was filed as PCT international application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT  
Article 19 on \_\_\_\_\_ (if applicable)

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08/255,208	June 7, 1994		X	
08/360,107	December 20, 1994		X	

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Benj A. Terrian (Reg. No. 20060), Gerald J. Flintoff (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauer, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Redding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Fricbel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), and Marcla H. Sundeen (Reg. No. 30893), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

MAY 10 '96 09:52 FR PEN E EDMOND

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P.04

PENNIE &amp; EDMONDS DOCKET N . 7872-020

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS (212) 790-9090	
201	FULL NAME OF INVENTOR	LAST NAME Bolognisi	FIRST NAME Dani	MIDDLE NAME Paul	
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 17 Harvey Place	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27705
202	FULL NAME OF INVENTOR	LAST NAME Matthews	FIRST NAME Thomas	MIDDLE NAME James	
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 5906 Newhall Road	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27713
203	FULL NAME OF INVENTOR	LAST NAME Wild	FIRST NAME Carl	MIDDLE NAME T.	
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 1702 B Virta Street	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27701
204	FULL NAME OF INVENTOR	LAST NAME Bartley	FIRST NAME Shawn	MIDDLE NAME O'Lin	
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 106 Branchway Road	CITY Cary	STATE OR COUNTRY North Carolina	ZIP CODE 27502
205	FULL NAME OF INVENTOR	LAST NAME Lambert	FIRST NAME Dennis	MIDDLE NAME Michael	
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 101 Centerville Court	CITY Cary	STATE OR COUNTRY North Carolina	ZIP CODE 27513
206	FULL NAME OF INVENTOR	LAST NAME Pittaway	FIRST NAME Stephen	MIDDLE NAME Robert	
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 203 Le Gault Drive	CITY Cary	STATE OR COUNTRY North Carolina	ZIP CODE 27513
207	FULL NAME OF INVENTOR	LAST NAME Langlois	FIRST NAME Alphonse	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina		COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 1720 Virta Street	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

PENRIZ & EDMONDS DOCKET NO. 7872-020

possible by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that each willful false statement may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1: Paul Paul Biological Date	Signature of Inventor 2: <i>[Signature]</i> Thomas James Mathews Date 5/10/96 2	Signature of Inventor 3: Carl T. WPM Date
Signature of Inventor 4: Karen O'Leary Date	Signature of Inventor 5: Donald Michael Lambert Date	Signature of Inventor 6: Stephen Robert Kellway, Jr. Date
Signature of Inventor 7: <i>[Signature]</i> Alphonse J. Langlois Date 5/10/96	Signature of Inventor 8: Date	Signature of Inventor 9: Date

(c)

\*\* TOTAL PAGE.005 \*\*

MAY 18 '96 09:52 FR PENN.E EDMOND

TO .919 191816

P.03

PENNE &amp; EDMONDS DOCKET NO. 7872-020

SUPPLEMENTAL DECLARATION  
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 or seq. underneath my name.

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Article 19 on \_\_\_\_\_I hereby state that I have reviewed and understood the contents of the above identified specification, including the claims, as amended by any  
amendment referred to above.I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations,  
§1.56.I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's  
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			YES <input type="checkbox"/> NO <input type="checkbox"/>
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Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this  
application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/073,025	June 7, 1993		X	
08/255,208	June 7, 1994		X	
08/340,107	December 20, 1994		X	

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Louis Wieruck (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280),  
Benj. A. Tardiff (Reg. No. 20080), Gerald J. Flinn (Reg. No. 20823), David Weiss, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No.  
24614), Barry D. Egan (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jachowicz (Reg. No. 22713), Joseph V. Colasanti  
(Reg. No. 20019), Charles E. McKinney (Reg. No. 22795), Philip T. Shuman (Reg. No. 24278), Francis B. Morris (Reg. No. 24615), Charles  
E. Miller (Reg. No. 24576), Glenn D. Stern (Reg. No. 27407), John J. Lester, Jr. (Reg. No. 27816), Brian M. Primm (Reg. No. 25462),  
Brian D. Coggins (Reg. No. 27814), Roy J. Ruckling (Reg. No. 28749), Stephen J. Hayduk (Reg. No. 29168), Donald J. Goodell (Reg. No.  
19748), James N. Palk (Reg. No. 25516), Thomas E. Friedel (Reg. No. 29258), Laura A. Corneil (Reg. No. 30747), Jennifer Gordon (Reg.  
No. 30753), Joe R. Stark (Reg. No. 30111), Allen A. Farmani (Reg. No. 30256), Geraldine P. Balwain (Reg. No. 31232), Victor N. Balwain  
(Reg. No. 31231), Albert P. McGuin (Reg. No. 25257), and Marcia H. Stodens (Reg. No. 30807), whose address is Penn & Edwards, 1135  
Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all  
business in the Patent and Trademark Office connected therewith.

(1)

7872-020-1



MAY 10 '96 09:52 FR PENN. EDMOND

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FENNIE &amp; EDMONDS DOCKET NO. 7872-020

SEND CORRESPONDENCE TO:			FENNIE & EDMONDS 1151 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711		DIRECT TELEPHONE CALLS TO: FENNIE & EDMONDS (212) 750-9090	
201	FULL NAME OF INVENTOR	LAST NAME Bolognini	FIRST NAME Dino	MIDDLE NAME Paul		
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 17 Harvey Place	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27705	
202	FULL NAME OF INVENTOR	LAST NAME Manderson	FIRST NAME Thomas	MIDDLE NAME James		
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 5905 Nantahel Road	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27713	
203	FULL NAME OF INVENTOR	LAST NAME Wild	FIRST NAME Carl	MIDDLE NAME T.		
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 1702 S Vista Street	CITY Durham	STATE OR COUNTRY North Carolina	ZIP CODE 27701	
204	FULL NAME OF INVENTOR	LAST NAME BERRY	FIRST NAME Steven	MIDDLE NAME D'Lin		
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 105 Branchway Road	CITY Cary	STATE OR COUNTRY North Carolina	ZIP CODE 27502	
205	FULL NAME OF INVENTOR	LAST NAME Lambert	FIRST NAME Dennis	MIDDLE NAME Michael		
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 101 Cantoville Court	CITY Cary	STATE OR COUNTRY North Carolina	ZIP CODE 27513	
206	FULL NAME OF INVENTOR	LAST NAME Patterson	FIRST NAME Stephen	MIDDLE NAME Robert		
	RESIDENCE & CITIZENSHIP	CITY Cary	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 250 Le Gault Drive	CITY Cary	STATE OR COUNTRY North Carolina	ZIP CODE 27513	
207	FULL NAME OF INVENTOR	LAST NAME Langlois	FIRST NAME Alphonse	MIDDLE NAME J.		
	RESIDENCE & CITIZENSHIP	CITY Durham	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
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(2)

FENNIE &amp; EDMONDS

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TRIMERIS INC  
A FARMER'S COMPANY

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PENNER & EDMONDS DOCKET NO. 7872-020

penalties by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Defendant as David Paul Edmonds Date	Signature of Defendant as Thomas James Matthews Date	Signature of Defendant as Carl T. Wild Carl T. Wild Date 5/14/96
Signature of Defendant as Steve O'Leary Date	Signature of Defendant as Donald Michael Lambert Date	Signature of Defendant as Stephen Robert Feltus, Jr. Date
Signature of Defendant as Alphonse J. Langlois Date	Signature of Defendant as Date	Signature of Defendant as Date

(3)

\*\* TOTAL PAGE.003 \*\*

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FENNIE &amp; EDMONDS DOCKET NO. 7672-020

# SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

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08/255,208	June 7, 1994		X	
08/360,107	December 20, 1994		X	

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

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perishable by fine or imprisonment, or both, under Section 1061 of Title 18 of the United States Code and that each willful false statement may jeopardize the validity of the application or any patent issuing thereon.

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\* TOTAL PAGE.005 \*\*

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